

# **NIST IV: Looking Ahead: Chemical Measurement Methods, Standards and Technology Needs for the Future — [Session 48]**

**Tuesday Morning, La Nouvelle Ballroom**

8:30 Introductory Remarks — **HRATCH G. SEMERJIAN, NIST**

8:50 "Chemical Measurement Methods, Standards and Technology Needs for the Future: Healthcare I" — **EMERY J. STEPHANS**, EAC, Enterprise Analysis Corp.

9:05 "Chemical Measurement Methods, Standards and Technology Needs for the Future: Healthcare II" — **GEORGE G. KLEE**, Mayo Clinic

9:20 "Looking Ahead: Chemical Measurement Methods, Standards and Technology Needs for the Future-Manufacturing I" — **LOU ANN HEIMBROOK**, Lucent Technologies

9:35 "Industrial Analysis is Changing - You Can Sense It" — **FRANKLIN K. SCHWEIGHARDT**, Air Products and Chemical, Inc.

9:50 "Chemical Measurement Methods, Standards and Technology Needs for the Future: Biotechnology II" — **HELEN PARKES**, Laboratory of The Government Chemist

10:05 "Chemical Measurement Methods, Standards and Technological Needs for the Future: Biotechnology I" — **DENNIS J. REEDER**, Applied Biosystems

10:50 *RECESS*

11:05 "Chemical Measurement Methods, Standards and Technology Needs for the Future: Micro and Nanotechnology" — **ERIC LIFSHIN**, University of Albany, State University of New York

11:35 "Future Chemical Measurement Methods, Standards and Technology for Food and